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Amendments to the Specification

Please cancel Paragraph [0013] and replace Paragraphs [0014], [0015] and [0016] with the following amended paragraphs:

~~[0013] It is noted that from another point of view, each molecular layer 14 comprises a plurality of equilateral hexagon units. Each equilateral hexagon unit has six carbon atoms located at six vertexes thereof respectively, and six lithium ions intercalated therein. A length of a diagonal of the equilateral hexagon which passes through a middle thereof is in the range from 50 nanometers to 200 nanometers, and is preferably 100 nanometers.~~

~~[0014]~~ [0013] It is also noted the molecular layer 14 is preferably made from carbon, yet other materials can be used instead of carbon. For example, materials such as silicon, germanium, silicon carbide, silicon oxide, compositions of carbon and silicon carbide, and compositions of silicon and germanium are also suitable.

~~[0015]~~ [0014] The separation membrane 1 of the present invention shows hydrophilic characteristics, and is capable of absorption of large volumes of electrolyte to facilitate transfer of ions therethrough. In addition, each molecular layer 14 having the nanoholes 18 defined therein forms a linked net having a very high cavity density. The linked net structure increase a surface area of the molecular layer 14 and further increases absorption of electrolyte.

~~[0016]~~ [0015] It is understood that the invention may be embodied in other forms without departing from the spirit thereof. Thus, the present

examples and embodiments are to be considered in all respects as illustrative and not restrictive, and the invention is not to be limited to the details given herein.